

Title (en)
IMPRESSION CYLINDER FOR A SHEET-FED OFFSET-TYPE ROTARY

Publication
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Application
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Priority
DE 3403893 A 19840204

Abstract (en)
[origin: US4598641A] To reliably hold a sheet in a rotary sheet-fed offset printing machine, a plurality of pin or needle-like projections (11), preferably held on a holding strip (12), are located transversely just behind or beneath the grippers. The sheet is pressed against the pins by the rubber blanket of the blanket cylinder, to impale the sheet on the pins; or, if the projections are located beneath the grippers, the grippers indirectly apply pressure on the sheet to impale the sheet on the projections. In another embodiment (FIG. 6), a pressure block (13) with a resilient engagement surface (14) presses the grippers on the sheet for also impaling the sheet on the pins or needles. The projections may also be formed as knife edges (FIG. 4). Alternatively, the printing line can be shifted forwardly (FIG. 5), so that the rubber blanket will engage the ends of the grippers.

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